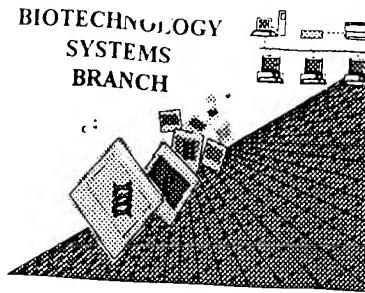


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/729,658A

RECEIVED

MAY 21 2001

Source: 1632

TECH CENTER 1600/2900

Date Processed by STIC: 5/4/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)**

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be downloaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>**

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/29, 658A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 Wrapped Nucleic The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".

2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".

3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.

4 Misaligned Amino Acid Numbering The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.

5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text so that it can be processed.

6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue. As per the rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.

7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies primarily to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

8 Skipped Sequences (OLD RULES) Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).

9 Skipped Sequences (NEW RULES) Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

10 Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

11 Use of "Artificial" (NEW RULES) Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

12 Use of <220>Feature (NEW RULES) Sequence(s) are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial Sequence" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)

13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk.

1632

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/729,658A

DATE: 05/04/2001

TIME: 16:25:41

Input Set : A:\55924.app

Output Set: N:\CRF3\05042001\I729658A.raw

3 <110> APPLICANT: Zonana et al.
 5 <120> TITLE OF INVENTION: Hypohydrotic ectodermal dysplasia genes and proteins
 7 <130> FILE REFERENCE: 55924
 9 <140> CURRENT APPLICATION NUMBER: 09/729,658A
 10 <141> CURRENT FILING DATE: 2000-12-04
 12 <150> PRIOR APPLICATION NUMBER: 09/342,681
 13 <151> PRIOR FILING DATE: 1999-06-29
 15 <150> PRIOR APPLICATION NUMBER: 60/092,279
 16 <151> PRIOR FILING DATE: 1998-07-09
 18 <150> PRIOR APPLICATION NUMBER: 60/112,366
 19 <151> PRIOR FILING DATE: 1998-12-15
 21 <160> NUMBER OF SEQ ID NOS: 122
 23 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
 Corrected Diskette Needed

JMR 1-5

ERRORED SEQUENCES

2619 <210> SEQ ID NO: 3 093
 2620 <211> LENGTH: 19
 2621 <212> TYPE: DNA
 2622 <213> ORGANISM: Artificial Sequence
 2624 <220> FEATURE:
 2625 <223> OTHER INFORMATION: Description of Artificial Sequence:
 2626 Oligonucleotide primers that can be used for
 2627 mutation screening of human DL.
 E--> 2629 <400> SEQUENCE: 93
 2630 ctcgttggat ctttggct
 E--> 2633 <210> SEQ ID NO: 94 19
 2750 <210> SEQ ID NO: 101
 2751 <211> LENGTH: 1169
 2752 <212> TYPE: DNA
 2753 <213> ORGANISM: Homo sapiens
 2755 <400> SEQUENCE: 101
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 2757 acgggcagaag accttggaa caggggtcat ggatactgca ggcctcggtg cagccgcaca 120
 2758 cttggccttg gtcccatccc acaaggagca gcatccagga cggagagtc tggcccttcc 180
 2759 ggtggacagg cagccatca ggctctgcct ctgtgtctcc taagtggcca ttaaccatca 240
 2760 taatatcttc tgaccaccaa aaggaaacaa attgtttgaa tacttacagt gcagtaqccc 300
 E--> 2761 atgtgaaaca ctttggaaa aagaaaactttnatg caaaaagcag tattttttatg 360
 E--> 2762 attctggnaa cactctggnn aancactaa taanntanat ntgagaaaaag aaattnatn 420
 E--> 2763 gangagatta tgannncgaa gnnaagnnan gnanaancan annaggntnn agaaaaatgag 480
 E--> 2764 gttgnnaang antnataana tagnacanng ntgatatnca tnggaaagta aacngcntga 540
 E--> 2765 gnannagtga tttgtatng ccaggttnta ctttggggaa aacangact attggancag 600
 E--> 2766 anngtnggaa aagnacaaa cgnntntna ncataganaa nnttagatgtt ntgggtggc 660
 E--> 2767 attnnaanna gcnngtaag aatagcttgn aagtngncaa ggggtncac aggcannnt 720
 E--> 2768 aatgcctata natccctata gnntgcaggc tantggngan ggtgctnaca aagagcatgt 780
 E--> 2769 tccctcctcca ggaaggctcg gccttngttg gtgttacccc tggggggcta ancaggccnt 840

all
 item 10
 on Error
 Summary
 Sheet

item 10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/729,658A

DATE: 05/04/2001

TIME: 16:25:42

Input Set : A:\55924.app

Output Set: N:\CRF3\05042001\I729658A.raw

E--> 2770 acatgtgggg gcacaggat attctgggt natgatgtga tggcacacac actaaacaca 900 *Item 10*
 2771 gccaccagag agaggaacca gaaaggggct gagatcaaaa gaaaggccca cttggcagc 960
 2772 tcaatattgt taaaagaatg ctccattca agacaggctg aaaccccaag gaaactgagt 1020
 2773 ggacagagca ggtgactgag tggcgtggc ctcatgccc acttgattgt gggcctgcag 1080
 2774 actggccacc gtgtctctg caccgtccc tgcctgtgt ctgtccagct caccgtctca 1140
 E--> 2775 ctgtttgtc ctgtgtctc ccncgttag 1169 *Item 10*
 2788 <210> SEQ ID NO: 103
 2789 <211> LENGTH: 484
 2790 <212> TYPE: DNA
 2791 <213> ORGANISM: Homo sapiens
 2793 <400> SEQUENCE: 103
 2794 gtgagttgtct ttgtccttcc accagcacgg tattttgtca ggcacggatc tctttcacta 60
 2795 cagaggggtt agaaaagagc cggtcctggc acctggacaa ggtgaatcac agtaacagca 120
 2796 ctatgtaaaatg tgctcctgtg gcctgtccag gcagggtat gaagggaggg gcgtttgcca 180
 2797 catctgagcc ttgagtcaga ggctgagtt ctatgtcagg ttggccacca gtcacactgac 240
 E--> 2798 aagtcaacttta acctccatgt gcctcggtt tctcatcggt aatatggggg tgaagaaagn 300
 E--> 2799 acaatancga tgactcttta gggttcattt aacagtctaa gaaatacaaa tatttagctc 360 *Item 10*
 2800 ccctcagcca tcactgcctc aggccccatc atgatcatga atccagatcc atgagctctg 420
 2801 tggcagcgtg ctttgaaggt ggagcttctc tggatcattt gaggactct attttgcctt 480
 2802 gcag
 2815 <210> SEQ ID NO: 105
 2816 <211> LENGTH: 799
 2817 <212> TYPE: DNA
 2818 <213> ORGANISM: Homo sapiens
 2820 <400> SEQUENCE: 105
 2821 gtgaggaggg tgctcaaggta tcgatcacct ggagtttagt ggtactcgga taaaagctca 60
 2822 gaagaggaga ggaaatgatc atgatgtatg attatggtc gcttccccac ctggcctcac 120
 2823 ctccctaaatg taatttgcattt acatgttgc cccctgtcag gaagtcattt tatctgcaat 180
 2824 cagatgtatgg ctgtcctggg accgtctggg ggtgctggg gtgaaggcgg 240
 2825 gggcatagcg gcagggtggc agcacaggca gtcgaagcc cggccaggag gagagaccag 300
 E--> 2826 gctgtcctggg ctttgggtt ggccngaggtt aacagcaattt ctatcaactt ttttcatata 360
 E--> 2827 aacatgtca ccatagcaact ttaatattaa ctgtcanaan gtncattttt attctncctt 420
 E--> 2828 aaccaggaa gangggatcg nggaggaccc caangttttt tntgcctctc acanttagnc 480
 E--> 2829 ccccacntgg cttnncntna aggttgcattt agcagtagtgc gcgagaagca agctccctta 540
 E--> 2830 ggaacaatna ggtanccca gaaaaagtct gganaggca agtctgaggg cagcggcag 600
 E--> 2831 ggggttgggg cagtcctggg ctggcagcca aaaccagcgc gnaggatttg ttctcagtc 660
 2832 taagcaagca cctcagattt cagggttccc taaaagcattt ccaggggcag ggcattgtt 720
 2833 tccaggggcc gggatcctgg agggaaagacc agcagggttc ctgagctctg ggtcattcat 780
 2834 gccttccttc caccacac
 2868 <210> SEQ ID NO: 109
 2869 <211> LENGTH: 243
 2870 <212> TYPE: DNA
 2871 <213> ORGANISM: Homo sapiens
 2873 <400> SEQUENCE: 109
 2874 gtctgtgaac cagggctcc acacaccatg tgcacggtgc ccatctctgg gtggaggcgg 60
 2875 ttcccagaag cagcctctc gctgttctg ctctcatactt ctgaaccata ctgtgtttac 120
 2876 cgtgggggtgg tgccacacag acaccggca gctctgccc acaggaagag cagggttggg 180
 E--> 2877 ctgagcgc anccatgtgc caattctaac tcctatctcc ccaacccccc cattttccctg 240 *Item 10*
 2878 cag 243

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/729,658A

DATE: 05/04/2001

TIME: 16:25:42

Input Set : A:\55924.app

Output Set: N:\CRF3\05042001\I729658A.raw

2891 <210> SEQ ID NO: 111

2892 <211> LENGTH: 1174

2893 <212> TYPE: DNA

2894 <213> ORGANISM: Homo sapiens

2896 <400> SEQUENCE: 111

2897 gtatgtggaa gcccccacac caaagtgaac tgggtcctg tggatcctga gcagggaggg

E--> 2898 gttncagggt tcagccgag tgaactgaca ggctaggctg ggacactatg gggacgttcg 60

2899 ggcacagaca gtcacccacca cctctttgtc gactggcagg ggtcagggtgg tggaggagc 120

2900 ctgtggaaac agctgcctgc tgctctcggt tcaggccct gtccctgcatt cctgccaat 180

2901 tccctggcc ttcctccta acatccgaat tcctcatgcc cttctccag actggggaggg 240

2902 cagaacataa agccaaggat gcatgcctgt tgccggcaac acaccaggatc caccctgtcc 300

2903 ggtgcctgt ctgtgcac cgtaatgtct gtaacaaccg tggatgtgac ggctaaccgc 360

E--> 2904 atttgggtcc tactgcccac caagtgtctgg gctagggtctg tgaacacatc ctncccttca 420

E--> 2905 ccagccctcng agcaagggtgc ttggatcat ccctgggtat aggaataccca cactgggtt 480

E--> 2906 tggaaagtgtt cactcgccca aagtccacaca ctgtgaaca canggttgg ggtccgaat 540

E--> 2907 ccangctccc aangagccac atggngntaa anaggtgnagn cagggtcacc ccctctaagtt 600

E--> 2908 ccaagagggg ggctttcna ggcacaaagg gttccattna gttccctt tcaatgnctt 660

E--> 2909 ccagagagcc agcatggatt tcagccgcac cngcatccaa tctgtttgtt ttaacatgaa 720

2910 gacaccgtt gaaactgggt gttactggg attaaataca gagatctagg acatattcaa 780

2911 tgaacccctca cggagcatcc attgtgtgtc aggttagcagg gaaggaggg cccgtggatg 840

2912 cctccccc gcaatggcagg ccccaagcccc ttagacccct gcagggtcacc caccacggac 900

2913 ttgtttgtt ggaaagaaggc aggaagccac cgggttatgt ctgcgtctcat gttccctgtt 960

2914 cccgtgcccc caaggtgccc agttaaacacc taaaaacaa gtcattgccc ccactgtcc 1020

2915 acagctgggc aatggacaag ttaccacacag gagaacttgtt caggctgca gccccccag 1080

2916 gcactgtttaa tgaccatgc tcttgtttt gcaag 1140

2919 <210> SEQ ID NO: 112 1174

2920 <211> LENGTH: 160

2921 <212> TYPE: DNA

2922 <213> ORGANISM: Homo sapiens

2924 <400> SEQUENCE: 112

E--> 2925 cgagaacgtt gcctcatcng agaatgagca gctgctgagc cggagcgtcg acagtgtatg 60

2926 ggagccccc cctgacaaacg aggctcccc ggagctgtgc ctgtgtcgc tggttcacct 120

2927 ggccaggggg aagtctgcca ccagcaacaa gtcagccggg 160

2930 <210> SEQ ID NO: 113

2931 <211> LENGTH: 226

2932 <212> TYPE: DNA

2933 <213> ORGANISM: Homo sapiens

2935 <400> SEQUENCE: 113

2936 gtgagggtcc tgcagggtcc atgatgagct gtgagatgtg gtccttcac agcccaagg 60

2937 actaaaactt tcttattgaa tcagctctcc tcaagacgg ggttttctc ccagaagtcc 120

2938 aagatggag acctggacag tgacaaggatc acagcaagat agtcaaaagg gaaaaaaacc 180

E--> 2939 ctttcgtttt tgagttttt tttttttt gngatgana gnctng 226

2952 <210> SEQ ID NO: 115

2953 <211> LENGTH: 309

2954 <212> TYPE: DNA

2955 <213> ORGANISM: Homo sapiens

2957 <400> SEQUENCE: 115

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E--> 2959 nnggagttag ggggggaagg ggnagagngg gnggnagn gngngagng gganagngaa 120

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/729,658A

DATE: 05/04/2001

TIME: 16:25:42

Input Set : A:\55924.app

Output Set: N:\CRF3\05042001\I729658A.raw

E--> 2960 agnagtgaga nnggaaggna nagnagnag gggnnangag aaagngggag ntaggngc 180
 E--> 2961 gatgnnnng gtngaaatat tnanagaat ttttcaaatt aattttatt tcatttaat 240 *Item 10*
 2962 aatttttcag ttttgacctt ctattgactg tgacttgc aaatctaactg tggccatgg 300
 2963 tgtctgtag
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 2967 <211> LENGTH: 2781
 2968 <212> TYPE: DNA
 2969 <213> ORGANISM: Homo sapiens
 2971 <400> SEQUENCE: 116
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 2973 ccacgtacaa ctctgagaag gcttggta aaacgtggcg ccaccccgcc gagagcttc 120
 2974 gcctgaagag ggatgagatt gggggcatga cagacggcat gcaactctt gaccgcattca 180
 2975 gcacggcagg ctacagcatc ctttgcgtac tcacaaaact ggtgcagatt gagcggctgg 240
 2976 atgtgttggc gtccttgcgt gcagacatac tggagtggc ggggttgcgt ccacccgtct 300
 2977 cccggccaca tgcgtccatcc tggaaaagcat gcttgcgtggc tgcgtccca ggacaaggca 360
 2978 aggatccaaac gagggtctg gagctgttag tggtgccaa agactgccaa gaatcaaggc 420
 2979 ttttgcgtata tgcacccgtt tgccttgcgt tggtaacgg gccagacaa ataaggcctg 480
 E--> 2980 tcttccaaatt taaccaaaga taaaggacta gagccggat actttccat gtcgcctgt 540 *Item 10*
 2981 acctcaccatc gcaatgttata tatctactca ctcatacagc cagccacca gcccaccatt 600
 E--> 2982 aactcactga acaatggagc aatgtngagg actcaatga atcaaaaccc gttggatga 660
 E--> 2983 cagantgaag aatctggcc ctgtctttaa ggagtttgc ctccatgtt agacagaagg 720
 2984 aacgtatgtt tacaaccat ttcacttgc gacgtcaac aagctgtatg aagggggcgt 780
 2985 tagaaaacgt taatagaatg tctaaggcgg agatgtactt cttactggat gatgttgcgt 840
 2986 ggcattccat tgaagaagca gtcacaaat ttttataaaa tggcaacaaa atgcagacac 900
 2987 cctgctccat gtatttttccat tggatgttgc caatgttgc ttttccat gttttttcat 960
 2988 taggataact ttttccat ttttgcgtt atccatattt ttttgcgtt ttttgcgtt 1020
 2989 aatggaaatg ctcacttgc ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1080
 2990 ggtgtgtgc agtgcattt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1140
 2991 tctgcactac atgtgttgc ctttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1200
 2992 gcagcaatgc tgaaggacac agcaattttaa attataatgt gtcaggctgt ttttgcgtt 1260
 2993 caaacatgtt tgatgttgc gtcgttattt gggaaatgt gacttccaa gagttcagcc 1320
 2994 acgcataatt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1380
 2995 gtttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1440
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 2997 ctttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1560
 2998 gggcaggtag gtttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1620
 2999 gggcaggtag gtttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1680
 3000 aaaaacttagt atggaaatgc acacgtgtt ttttgcgtt ttttgcgtt ttttgcgtt 1740
 3001 aaaaacttagt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1800
 3002 agagctcagg agccaggctt gtttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1860
 3003 gtttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1920
 3004 ctttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 1980
 3005 ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 2040
 E--> 3007 ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 2100 *Item 10*
 3008 ctttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 2160
 3009 ctttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 2220
 3010 ctttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 2280
 3011 ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 2340
 3012 ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt ttttgcgtt 2400

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/729,658A

DATE: 05/04/2001

TIME: 16:25:42

Input Set : A:\55924.app

Output Set: N:\CRF3\05042001\I729658A.raw

3012 tggccattt gctctccacc tgccattttt agggagctat tccttatata gttacaaatt 2460
 3013 cccttgcattt tacttattt gaaacatgg gatttactt gacaagctt agcctatgtt 2520
 3014 atggattca gaacaatggat atcataataa ttctcaactga ccaaagctgg gactccatcc 2580
 3015 tgccattttt gtgtggatgatcataattt ctgcaataact taaaacatt tagaaaacac 2640
 E--> 3016 cccagggttag gtctgtggcc cttanacagt gaaagtctta attggcaata ttattttgc 2700 *Item 10*
 E--> 3017 taattctgga tatataaac mnnattatatt tataaatctc aataaaccac attttaaaa 2760
 3018 aaaaaaaaaaaaaaaa aaaaaaaaaaaa a
 3091 <210> SEQ ID NO: 122
 3092 <211> LENGTH: 21
 3093 <212> TYPE: DNA
 3094 <213> ORGANISM: Artificial Sequence
 3096 <220> FEATURE:
 3097 <223> OTHER INFORMATION: Description of Artificial Sequence:
 3098 Oligonucleotide primer that can be used to amplify
 3099 TNF homology domain of mouse dl.
 3101 <400> SEQUENCE: 122
 3102 aagcttcttag gatgcagggg c

21

E--> 3103 1
 E--> 3106 55*delete at end of file**PSY*Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/729,658A

DATE: 05/04/2001

TIME: 16:25:43

Input Set : A:\55924.app

Output Set: N:\CRF3\05042001\I729658A.raw

L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:1930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:2629 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:3 differs:93
L:2633 M:216 E: (34) Seq.#s missing, SEQ ID NOS: 4 thru 93
L:2662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:2663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:2664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:2667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:2698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:2699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97
L:2700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97
L:2761 M:340 E: (46) "n" or "Xaa" used, for SEQ ID#:97
M:340 Repeated in SeqNo=101
L:2798 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:101
M:340 Repeated in SeqNo=103
L:2826 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:103
M:340 Repeated in SeqNo=105
L:2877 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:105
L:2898 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:109
M:340 Repeated in SeqNo=111
L:2925 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:112
L:2939 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:113
L:2958 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:115
M:340 Repeated in SeqNo=115
L:2980 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:116
M:340 Repeated in SeqNo=116
L:3103 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:21 SEQ:122
M:254 Repeated in SeqNo=122